

Converting Colors

Hex(87C690)

Have a look what the booklet for
Hex(87C690) contains.

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Color

Hex(87C690)

Conversions

Conversions Part 1

Format	Color
Hex	87C690
RGB	135, 198, 144
RGB Percent	53%, 78%, 56%
CMY	0.4706, 0.2235, 0.4353
CMYK	0.32, 0.00, 0.27, 0.22
HSL	129°, 36%, 65%
HSV	129°, 32%, 78%
XYZ	35.2198, 47.5527, 33.7079
YIQ	173.0070, -20.2140, -30.1500

Conversions

Conversions Part 2

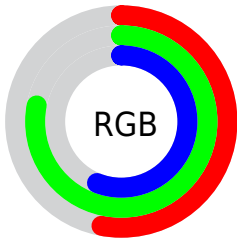
Format	Color
RYB	135, 190, 198
Decimal	8898192
CIELab	74.54, -31.14, 20.81
CIElCh	75, 37.450, 146.243
Yxy	47.5527, 0.3024, 0.4082
Android (android.graphics.Color)	4287088272 (0xFF87C690)
YUV	173.0070, -14.3005, -33.3321
Hunter-Lab	68.9585, -29.5103, 19.2891

Details

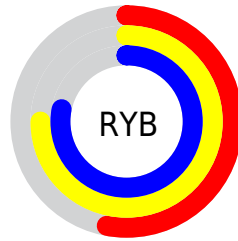
The Hex color **87C690** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C687BD**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BEFFC6**, and **53905D** is the 20% darker color. If you saturate the color by 10%, you get **73C67F**, and if you desaturate by 10%, it is **9BC6A1**.

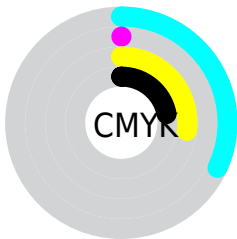
Distribution



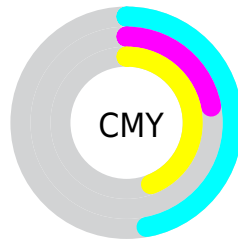
- Red (53%)
- Green (78%)
- Blue (56%)



- Red (53%)
- Yellow (75%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (47%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C690 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 87C690 by changing the saturation by 10% instead.

 87C690

 87C690

FFFFFF

 6DAB76

 BEFFC6

 53905D

 DAFFE2

 397645

 F7FFFF

 1F5D2E

 004519

 002E00

 001900

 000000

 87C690

 87C690

 73C67F

 9BC6A1

 5FC66E

 AFC6B2

 4CC65D

 C2C6C3

 38C64C

 D6C6D4

 24C63B

 EAC6E5

 10C62A

 FEC6F6

 00C61C

 FFC6FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFBE79



87C690



5BCAB2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87C690



80BCFC



FB9F9B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87C690



C687BD

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F69DBD



87C690



B5B0F5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87C690



49C5F0



DFA4DE



EDA87F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87C690



40CAC9



DFA4DE



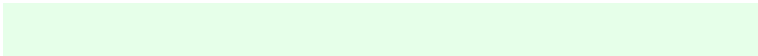
FB9DA6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87C690



E6FFE9



BEC687



708072



000000



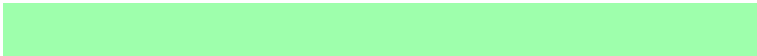
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87C690



9EFFAC



87C6AF



5A635B



00A317



002405

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C687BD



FF9EF1



C6879E



635A62



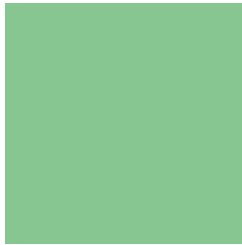
A3008C



24001F

Previews

White Background



This preview shows how the Hex color 87C690 looks on a white background.

Color Contrast Check

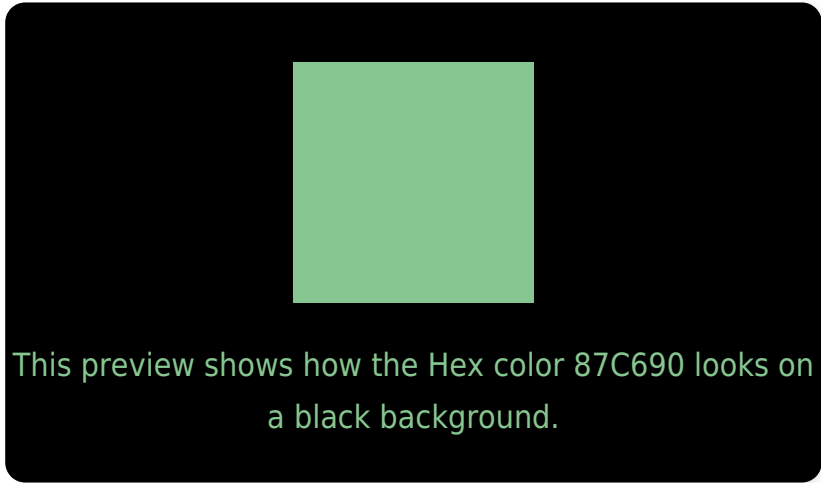
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

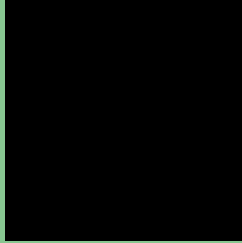
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87C690 Background



This preview shows how black text looks on a background with the Hex color 87C690.

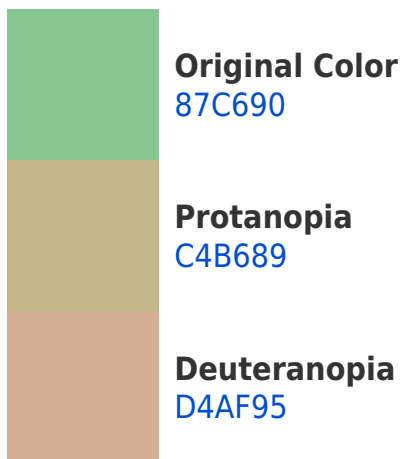


This preview shows how white text looks on a background with the Hex color 87C690.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
93BECD

Trichromacy



Original Color
87C690



Protanomaly
AEBC8C



Deuteranomaly
B8B793



Tritanomaly
8FC1B7

Monochromacy



Original Color
87C690



Achromatopsia
ADADAD



Achromatomaly
9FB6A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 87C690 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #87C690 looks like.

```
.text, #text, p{  
    color:#87C690  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #87C690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C690
}
```

Border

The CSS property to change the border of an element to Hex 87C690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87C690 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#87C690 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #87C690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C690; -webkit-box-shadow:4px 4px  
4px 4px #87C690; box-shadow:4px 4px 4px  
4px #87C690 }
```

Background

The CSS property to change the background color of an element to Hex 87C690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C690 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#87C690 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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